

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	185	(optics\$4 near detect\$3) and (software near updat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/03 17:46
L18	47	L17 and broadcast\$3 and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/03 17:46
S1	1	"6,313,887".pn.	US-PGPUB; USPAT	OR	ON	2007/04/14 10:28
S2	1	"6,094,228".pn.	US-PGPUB; USPAT	OR	ON	2006/09/17 15:48
S3	1	WO-200103434-\$ DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 13:30
S4	30	("3493674"   "3728480"   "3737566"   "3777410"   "3842196"   "3900887"   "3984624"   "3993861"   "4186413"   "4206557"   "4218697"   "4329684"   "4368486"   "4599644"   "4608601"   "4729563"   "4807031"   "4969041"   "5200822"   "5243423"   "5327237"   "5387941"   "5404160"   "5557333"   "5557334"   "5559559"   "5663766"   "5666168"   "5767896").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 09:18
S5	1	S4 and (optical\$2 near detect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:13
S6	14	natnael\$ and (still adj picture)	US-PGPUB; USPAT	OR	ON	2006/09/13 14:32
S7	85617	(optical\$2 near detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 15:20

## EAST Search History

S8	4241	S7 and encod\$ and decod\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 15:20
S9	1015	S8 and (error adj correction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 15:21
S10	0	S9 and 348/743.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 15:21
S11	4	S9 and 348/473.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 15:21
S12	1	"4807031".pn.	US-PGPUB; USPAT	OR	ON	2006/09/17 15:48
S13	241	("4807031").URPN.	USPAT	OR	ON	2006/09/17 15:48
S14	139	(encod\$3 near2 (optical adj detect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/14 10:30
S15	530	invisibl\$3 near2 (blending or insert\$3 or combin\$3 or add\$3 or sum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/14 10:31

## EAST Search History

S16	33108	visible adj (portion or region or area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/14 10:31
S17	1	S14 and S15 and S16 and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/14 15:33
S18	8	(("6094228") or ("6535253") or ("4696041") or ("4608601") or ("6211919") or ("6351289") or ("4807031") or ("6661905")).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/14 15:34
S19	8	("6661905").URPN.	USPAT	OR	ON	2007/04/14 18:10
S20	4	S19 and optical	USPAT	OR	ON	2007/04/14 15:45
S21	19	("20020112250"   "20020183102"   "20040117856"   "20040210814"   "20050015815"   "3993861"   "4654700"   "4807031"   "5010499"   "5057915"   "5325127"   "5594493"   "6072521"   "6094228"   "6118490"   "6229572"   "6415438"   "6593972"   "6661905").PN. OR ("7075583"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/14 16:02
S22	4	S19 and optical	USPAT	OR	ON	2007/04/14 18:11
S23	0	S22 and invisib	USPAT	OR	ON	2007/04/14 18:11
S24	3	S22 and invisib\$5	USPAT	OR	ON	2007/04/14 18:11
S25	145	encod\$3 near2 ((visible or visual) adj (image or picture or video))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 12:44
S26	5	S25 and (optical adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 12:45

## EAST Search History

S27	5	S26 and barcode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/16 12:45
S28	5	(US-20040227854-\$).did. or (US-7075583-\$ or US-7162146-\$ or US-7167209-\$ or US-7116374-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/29 20:54
S29	0	S28 and barcode	US-PGPUB; USPAT	OR	ON	2007/11/29 20:54
S30	0	S28 and "bar code"	US-PGPUB; USPAT	OR	ON	2007/11/29 20:54
S31	145	encod\$3 near2 ((visible or visual) adj (image or picture or video))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 20:54
S32	5	S31 and (optical adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 09:48
S33	5	S32 and barcode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 20:54
S34	145	encod\$3 near2 ((visible or visual) adj (image or picture or video))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:15
S35	5	S34 and (optical adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:15

## EAST Search History

S36	5	S35 and barcode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:08
S37	14	encod\$3 near2 ((visible or visual) adj (picture or video))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:15
S38	14	S37 not S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:15
S39	0	S38 and (optical adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:15
S40	0	S38 and (optical near detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:16
S41	0	S38 and (optic\$3 near detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:16
S42	6	S38 and optic\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:16

## EAST Search History

S43	5	S42 and detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 21:16
S44	145	encod\$3 near2 ((visible or visual) adj (image or picture or video))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:16
S45	5	S44 and (optical adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:09
S46	5	S45 and barcode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:16
S47	14	encod\$3 near2 ((visible or visual) adj (picture or video))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:26
S48	14	S47 not S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:16
S49	6	S48 and optic\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:16

## EAST Search History

S50	5	S49 and detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:16
S51	0	encod\$3 near barcode near (video adj "scan line")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:27
S52	0	encod\$3 near barcode near (video near "scan line")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:27
S53	5	(encod\$3 or cod\$3 or embed\$\$) near2 barcode near2 video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:33
S54	25	("20020195586"   "20030005303"   "20030041774"   "20050161515"   "3569676"   "4864618"   "5153418"   "5170044"   "5298731"   "5355001"   "5357094"   "5401960"   "5563401"   "5818032"   "5929415"   "6032861"   "6070805"   "6102289"   "6296189"   "6325420"   "6390377"   "6543691"   "6948068"   "6991164"   "7025269").PN. OR ("7229025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 09:32
S55	275312	"25" and video	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 09:31
S56	423848	"11" and video	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 09:31
S57	4	S54 and video	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 09:33
S58	4	S54 and video	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 09:32

## EAST Search History

S59	0	S58 and (encod\$3 or cod\$3 or embed\$\$) near2 barcode near2 video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:59
S60	0	S58 and (encod\$3 or cod\$3 or embed\$\$) same barcode same video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:33
S61	497	(encod\$3 or cod\$3 or embed\$\$) same barcode same video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:34
S62	272	S61 and @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:35
S63	0	S58 and (encod\$3 or cod\$3 or embed\$\$) near2 optic\$3 near2 video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:00
S64	119	(encod\$3 or cod\$3 or embed\$\$) near2 optic\$3 near2 video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:00
S65	25	(encod\$3 or cod\$3 or embed\$\$) near optic\$3 near video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:01

## EAST Search History

S66	0	(encod\$3 or cod\$3 or embed\$\$) near optic\$3 near video near "scan line"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:02
S67	0	(encod\$3 or cod\$3 or embed\$3) near optic\$3 near video near "scan line"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:02
S68	0	(encod\$3 or cod\$3 or embed\$4) near optic\$3 near video near "scan line"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:02
S69	25	(encod\$3 or cod\$3 or embed\$4) near optic\$3 near video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:03
S70	6	S69 and "scan line"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:03
S71	1	S44 same (optical adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 10:08
S72	10	(US-20050264694-\$ or US-20040227854-\$ or US-20060111967-\$ or US-20050041120-\$ or US-20040264564-\$).did. or (US-5255087-\$ or US-7075583-\$ or US-7162146-\$ or US-7167209-\$ or US-7116374-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/30 10:19

## EAST Search History

S73	8	S72 and optic\$2	US-PGPUB; USPAT	OR	ON	2007/11/30 10:19
S74	2	(("6546112") or ("6343138")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/25 09:20
S75	911	(optical near detect\$3) same (encod\$3 or cod\$3) same (barcode or "bar code") .	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 09:49
S76	0	S75 same (video adj2 (scan adj line))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 09:49
S77	0	S75 same (video near (scan adj line))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 09:50
S78	1	S75 and (video near (scan adj line))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 09:50
S79	95	("4044227"   "4603390"   "4652733"   "4728784"   "4889490").PN. OR ("4958064").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:12
S80	8	S79 and (optical\$2 near detect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:13
S81	0	S80 and (software near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:13
S82	11396	(software near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:19
S83	103207	S82 sa,e (optical\$2 near detect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:14

## EAST Search History

S84	6	S82 same (optical\$2 near detect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:14
S85	0	(video adj "scan line") same (software near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:20
S86	0	(video adj (scan\$4 adj line)) same (software near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:21
S87	1	(scan\$4 adj line) same (software near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:22
S88	1	(scan\$4 adj line) same ((program or software) near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:22
S89	6	(optic\$4 near detect\$3) same ((program or software) near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:24
S90	249	(optic\$4 near detect\$3) and ((program or software) near updat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:36
S91	58	S90 and broadcast\$3 and video	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:36
S92	47	S91 and decod\$3 and (encod\$3 or cod\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:25
S93	47	S92 and detect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:25
S94	47	S93 and optic\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:26
S95	17	S94 and @ay<"2003"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/28 09:27
S96	181	(optic\$4 near detect\$3) and (software near updat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/28 09:36

## EAST Search History

S97	46	S96 and broadcast\$3 and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/28 09:37
S98	46	S97 and detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/28 09:37
S99	47	S94 and optic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/28 09:38
S100	30	S98 and optics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/28 09:38
S101	46	S98 and optic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/28 09:38